

## ABSTRACT

The invention relates to the structure and the shape of a kind of new universal  
5 wheel, which comprises of drum-shaped rollers, bat-shaped brackets, mandrels, side  
panels, bearings, a central shaft and a wheel carrier. It characterizes in that the  
drum-shaped rollers and the mandrels from a rim by fixed in the bat-shaped brackets,  
and the bat-shaped brackets are connected to the side panels, the bearings, the  
central shaft and the wheel carrier are fixed on the center of the side panel. Since the  
10 big and small drum-shaped rollers form a double freedom structure, the wheel can  
move in any direction without turning so that it can save the turning space. Moreover  
this kind of universal wheel has good sealing performance, the sand will not enter the  
inner chamber.